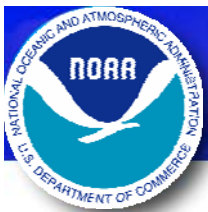




C&T Goal Team

March 21, 2006



NOAA Commerce and Transportation

- Marine Transportation System
- Geodesy
- Aviation Weather
- Marine Weather
- Surface Weather
- Emergency Response
- CRSL





C&T Overview

Information that Moves America



- NOAA is enhancing the American Public's ability to:
 - Know where they are
 - Get where they are going safely and efficiently
 - Make appropriate decisions for a safe, secure, efficient, and environmentally sound transportation network.
- NOAA's essential services remain uninterrupted and available during emergencies and critical events

3



Marine Transportation Systems



- Oceanographic and Charting Products and Services
- Observations for Navigational Surveys, Tides, and Currents
- Research and development
- Ice nowcasts and forecasts
- Port Improvement and Economic Revitalization (PIER)
- Customer support, education and outreach

4



Geodesy



- Infrastructure for consistent, accurate and timely positioning
- Models and tools that describe phenomena affecting accurate positioning
- Enhance local capacity for accurate positioning

5



Aviation Weather



- Accurate and operationally relevant aviation weather products
- 4-dimensional aviation gridded, digital database
- Interagency research and development
- Training and outreach for aviation weather products and information



6



Marine Weather



- Accurate and timely oceanographic and meteorological information, forecasts, and warning.
- Analyses of oceanic and atmospheric data including remotely sensed and in situ observations.
- Research, development, and verification
- Outreach, training, and education

7



Surface Weather



- Applications research and development
- National Surface Weather Observing System (NSWOS)



8



Emergency Response



- Preparedness to respond
- Respond to emergencies
- Research to applications



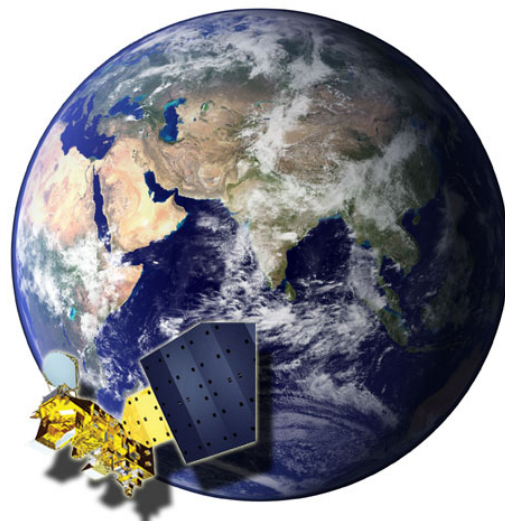
9



Commercial Remote Sensing Licensing (CRSL)



- Commercial remote sensing regulation
- Application review for operating licenses and related amendments
- Compliance execution and monitoring activities



10



Future Challenges



- Increased use of the transportation network (quantity and volume)



- Rebuilding the Gulf

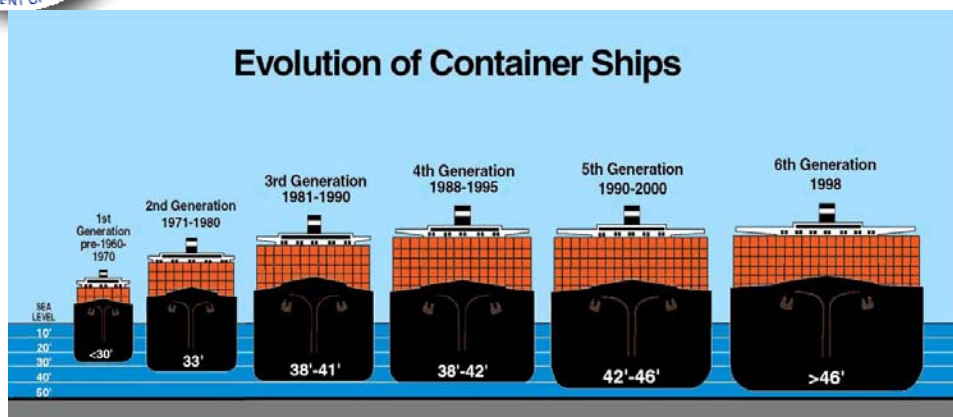


- Preparing for Future Hazards

11



Transportation Networks Use



- 95% by tonnage of all U.S. commerce
- 45% by value (about \$500 billion)
- 50% is hazardous materials
- Vessel size is pushing the limits of under keel clearance in many shipping channels.
- Maritime Commerce is expected to double over the next 20 years

12



Rebuilding the Gulf



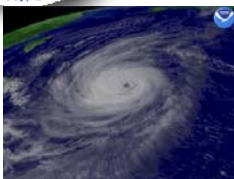
- Critical Issues

- Nautical Chart Updates
- Spatial Reference System
- Water levels and PORTS®
- Critical data for accurate storm models
- VDatum

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Preparing for Future Hazards



- Address Survey Backlog
- Complete and maintain Electronic Navigational Charts suite
- Increasing demand for PORTS®
- Densification of water level stations
- Complete the National height modernization effort
- Ability to respond to two simultaneous spills of national significance (SONS)

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Questions?

